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Applicant: David R. Milich *et al.*

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Group Art Unit: 1648

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
MPS	1	5,990,085	11/23/1999	Ireland <i>et al.</i>			
	2	6,887,464	05/03/2005	Coleman <i>et al.</i>			
	3	2003/0099668	05/29/2003	Bachmann <i>et al.</i>			
	4	2004/0054139	03/18/2004	Page <i>et al.</i>			
	5	2004/0146524	07/29/2004	Lyons <i>et al.</i>			
	6	2004/0152876	08/05/2004	Birkett			
	7	2004/0156864	08/12/2004	Birkett			
MPS	8	2004/0219164	11/04/2004	Coleman <i>et al.</i>			

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
MPS	9	JP7252300	10/03/1995	Japan			X	
	10	WO 95/27083	10/12/1995	WIPO				
	11	WO 99/40934	08/19/1999	WIPO				
MPS	12	WO 00/46365	08/10/2000	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

MPS	13	Belnap <i>et al.</i> , "Diversity of core antigen epitopes of hepatitis B virus," Proc Natl Acad Sci USA, 100:10884-10889 (2003)
	14	Fietelson <i>et al.</i> , "Core particles of hepatitis B virus and ground squirrel hepatitis virus," J Virol, 43:687-696 (1982)
	15	Fietelson <i>et al.</i> , "Monoclonal antibodies raised to purified woodchuck hepatitis virus core antigen particles demonstrate X antigen reactivity," Virology, 177:357-366 (1990)
	16	Galibert <i>et al.</i> , "Nucleotide sequence of a cloned woodchuck hepatitis virus genome: Comparison with the hepatitis B virus sequence," J Virol, 41:51-65 (1982)
	17	Gallina <i>et al.</i> , "A recombinant hepatitis B core antigen polypeptide with the protamine-like domain deleted self-assembles into capsid particles but fails to bind nucleic acids," J Virol, 63:4645-4652 (1989)
	18	Kidd-Ljunggren <i>et al.</i> , "Genetic variability in hepatitis B viruses," J Gen Virol, 83:1267-1280 (2002)
	19	Koschel <i>et al.</i> , "Extensive mutagenesis of the hepatitis B virus core gene and mapping of mutations that allow capsid formation," J Virol, 73:2153-2160 (1999)
	20	Marion <i>et al.</i> , "A virus in Beechey ground squirrels that is related to hepatitis B virus of humans," Proc Natl Acad Sci USA, 77:241-2945 (1980)
	21	Mason <i>et al.</i> , "Virus of Pekin ducks with structural and biological relatedness to human hepatitis B virus," J Virol, 36:829-836 (1980)
	22	Milich <i>et al.</i> , "Immune response to hepatitis B virus core antigen (HBcAg): Localization of T cell recognition site within HBcAg/HBeAg," J Immunol, 139:1223-1231 (1987)
	23	Milich <i>et al.</i> , "Antibody production to the nucleocapsid and envelope of the hepatitis B virus primed by a single synthetic T cell site," Nature, 329:547-549 (1987)
	24	Milich <i>et al.</i> , "Comparative immunogenicity of hepatitis B virus core and E antigens" J Immunol, 141:3617-3624 (1988)
MPS	25	Millman <i>et al.</i> , "Immunological Cross-reactivities of woodchuck and hepatitis B viral antigens," Infect Immun, 35:752-757 (1982)

Examiner:

Date Considered:

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

